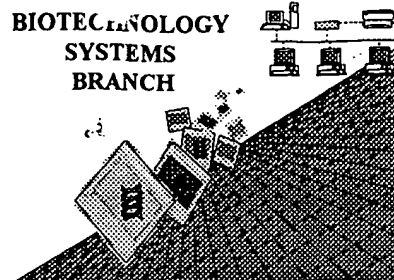


## **RAW SEQUENCE LISTING** **ERROR REPORT**



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/899,634  
Source: OIPe  
Date Processed by STIC: 7/24/2001

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

**FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.**

**PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:**

### **Checker Version 3.0**

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

**Checker Version 3.0 can be down loaded from the USPTO website at the following address:**

**<http://www.uspto.gov/web/offices/pac/checker>**

# Raw Sequence Listing Error Summary

## ERROR DETECTED

## SUGGESTED CORRECTION

SERIAL NUMBER: 09/899,634

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1      Wrapped Nucleics  
    Wrapped Aminos  
The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2      Invalid Line Length  
The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3      Misaligned Amino  
    Numbering  
The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4      Non-ASCII  
The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5      Variable Length  
Sequence(s)      contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6      PatentIn 2.0  
    "bug"  
A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s)     . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7      Skipped Sequences  
    (OLD RULES)  
Sequence(s)      missing. If intentional, please insert the following lines for each skipped sequence:  
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped  
  
Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8      Skipped Sequences  
    (NEW RULES)  
Sequence(s)      missing. If intentional, please insert the following lines for each skipped sequence.  
<210> sequence id number  
<400> sequence id number  
000
- 9      Use of n's or Xaa's  
    (NEW RULES)  
Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa; and which residue n or Xaa represents.
- 10      Invalid <213>  
    Response  
Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence do not combine response
- 11      Use of <220>  
Sequence(s) 2,4 missing the <220> "Feature" and associated numeric identifiers and responses.  
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12      PatentIn 2.0  
    "bug"  
Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13      Misuse of n  
n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.

OIPE

## RAW SEQUENCE LISTING

DATE: 07/24/2001

PATENT APPLICATION: US/09/899,634

TIME: 10:14:58

Input Set : A:\Backup of SEQ IDs of application 4\_31499A.wbk

Output Set: N:\CRF3\07242001\I899634.raw

Does Not Comply  
Corrected Diskette Needed

3 <110> APPLICANT: Thomas Buehler, Reto Andreas Gadiant, Reinhard Korn, Rao Movva

4 <120> TITLE OF INVENTION: pCAR and its uses

6 <130> FILE REFERENCE: 4-31499A

8 <140> CURRENT APPLICATION NUMBER: US/09/899,634

8 <141> CURRENT FILING DATE: 2001-07-05

8 <160> NUMBER OF SEQ ID NOS: 4

10 <170> SOFTWARE: PatentIn version 3.0

12 <210> SEQ ID NO: 1

13 <211> LENGTH: 4286

14 <212> TYPE: DNA

15 <213> ORGANISM: Artificial/Unknown

17 <220> FEATURE:

18 <221> NAME/KEY: CDS

19 <222> LOCATION: (3229)..(4014)

20 <223> OTHER INFORMATION: delta pCAR gene

23 <400> SEQUENCE: 1

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26	taagttgggt	aacgccagg	ttttccag	cacgacgtg	taaaacgacg	gccagtgcc	120
28	agttgggatc	tttgcatg	cccacggctc	tcaggatggg	gatgctcccc	ttcagcacc	180
30	ggttccccc	ggaaactgat	ggtcctggct	ctgtggcatg	gcagtggcac	tgtgaggagc	240
32	ccctaccagc	agcacacagt	gggtttggca	ctgccacgct	ccggatgccg	cgctctgatc	300
34	caaccccata	atcaaggga	cccgaattgc	cccatcattg	ccccaccac	ccccatcctg	360
36	ccgggcccctc	acaccccacg	ctgccttg	gtgacattcc	ccagcccaaa	cccacggc	420
38	catggctacc	gcggggcatt	tcccattgcc	gccccattat	cagctctgca	cacctccgc	480
40	tgtacccatg	cctcgtggct	gcccttcttt	gacgtataat	cttctaatta	atacccggcc	540
42	ttgtcaaatg	ggagcaciaa	cgtaattaa	ttcccagca	ggcaggtaat	taacagtgtg	600
44	actccctttt	tgctgcgagt	ggggctgata	cagagagatg	tggcactatg	gagcccacgg	660
46	ggtcctggca	ctgggtgcc	acggaggtcc	ccatgtgctg	cagtgtcacc	gcctccgagg	720
48	tgacagtatt	gtccctgcgg	tgtccctgca	gctcagctct	gtccacagg	ccacctccag	780
50	tttgaggagg	acacaatgca	gccccgatgc	aacccatcct	cgagcatcc	cagggacaaa	840
52	gacccactg	caagaccgca	cacagggtg	ggtcccgtc	ccctaata	tacagtgtt	900
54	ttgcatggcc	ccttaatcaa	tgcagttaat	cagcatgcgc	tcatgcaccg	ctctggagct	960
56	gcaaagcccc	tcgcagcgt	gctcaccaac	accgcgcacc	gccccggccc	agcctgcagc	1020
58	acgcgtgca	aacaggaaag	aaacaaaata	ttgcccata	gtaggcaaag	gcattcggct	1080
60	gccttgacct	ccgccgggcc	gggcctgcc	tgactcagct	ccttactcag	cgctcgcttc	1140
62	ctccctccgg	ctgccaccgc	cgcagcgcac	accctgacaa	agagtggccc	ttacgggct	1200
64	ctgaggtgca	cccagcagtg	cactcagcag	tccaagggcc	ggcctggagg	tttgaccgc	1260
66	tacgtgctga	cattagcatt	gaacttgcc	ctgggtagt	ctgcaggccg	ggcggggtg	1320
68	gtgtagagag	tgacgcgcgc	gttgacccc	gtgccccttc	ccctcccttg	catcccagca	1380
70	ggctgcaccc	cagcaccagg	cccgtgcatg	catgctcctg	gtgtatttgc	agcctgggtg	1440
72	atgcatgcgt	cttagtggtg	cagcgtgtg	catgcatcct	ccttggtgtg	tagcagctta	1500
74	gtgcatgcat	accctcgggt	gttattgctg	ctctgtgcac	gcacgctcat	tgtatcactt	1560
76	catccagtg	catgactca	cactggagcg	attgctgctc	ggtgcacgca	cactcattgt	1620
78	atcacgtcag	ctcagtgct	gcacgcacac	cggtgttatt	gctgctcggt	gcgtgcattg	1680
80	acatcagtg	cgctgcagct	cagtgcatgc	acgctcattg	cccatcgcta	tccctgcctc	1740
82	tcctgctggc	gctccccggg	aggtgacttc	aaggggaccg	caggaccacc	tcgggggtg	1800
84	ggggagggt	gcacacgcgg	acccgctcc	ccctcccaa	caaagcactg	tggaatcaaa	1860

invalid - see item 10 on Error  
Summary  
Sheet

## RAW SEQUENCE LISTING

DATE: 07/24/2001

PATENT APPLICATION: US/09/899,634

TIME: 10:14:58

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Output Set: N:\CRF3\07242001\I899634.raw

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88 tgagccccac gttctgcttc actctcccca tctccccccc ctccccaccc ccaattttgt 1980
90 atttatttat tttttaatta ttttgtgcag cgatgggggc gggggggggg ggggcgcgcg 2040
92 ccaggcgggg cggggcgggg cgaggggcgg ggcggggcga ggcggagagg tgcggcgga 2100
94 gccaatcaga gcggcgcgct ccgaaagttt ccttttatgg cgaggcggcg gcggcggcgg 2160
96 ccctataaaa agcgaagcgc gcggcggggc ggagtcgctg cgttgccctc gccccgtgcc 2220
98 ccgctccgcg ccgcctcgcg ccgcccgcgc cggtctgtac tgaccgcgtt actcccacag 2280
100 gtgagcgggc gggacggccc ttctcctcgg ggctgtaatt agcgttggg ttaatgacgg 2340
102 ctggtttctt ttctgtggct gcgtgaaagc cttaaagggc tccgggaggg ccctttgtgc 2400
104 gggggggagc ggctcggggg gtgcgtgcgt gtgtgtgtgc gtggggagcg ccgcgtgcgg 2460
106 cccgcgtgc ccggcggtg tgagcgtgc gggcgcggcg cggggctttg tgcgtccgc 2520
108 gtgtgcgcga ggggagcgcg gccggggcg gtgccccgcg gtgcggggg gctgcgagg 2580
110 gaacaaaggc tgcgtgcggg gtgtgtgcgt gggggggtga gcagggggtg tgggcgcggc 2640
112 ggtcgggctg taaccccccc ctgcaccccc ctccccgagt tgctgagcac ggcccggctt 2700
114 cgggtgcggg gctccgtgcg gggcgtggcg cggggctcgc cgtgccgggc ggggggtggc 2760
116 ggcaggtggg ggtgccgggc ggggcggggc cgcctcgggc cggggagggc tcgggggagg 2820
118 ggcgcggcg ccccgagcg ccggcggtg tcgaggcgcg gcgagccga gccattgcct 2880
120 tttatggtaa tcgtgcgaga ggcgcaggg acttcctttg tcccaaactc ggcggagccg 2940
122 aaatctggga ggcgcggcg caccctct agcgggcgcg gcgaagcgg tgcggcgccg 3000
124 gcaggaagga aatggcggg gagggccttc gtgcgtcgcc gcgcccgct ccccttctcc 3060
126 atctccagcc tcggggctgc cgcagggga cggctgcctt cgggggggac ggggcagggc 3120
128 ggggttcggc ttctggcgtg tgaccggcg ggtttatc tgcccttctc tgttcctccg 3180
130 cagcccccaa gcttaagggt cacggccac gtggggacta gtgccacc atg gcg ctc 3237
131 Met Ala Leu
132 1
134 ctg ctg tgc ttc gtg ctc ctg tgc gga gtc gcg gat ctc acc aga agt 3285
135 Leu Leu Cys Phe Val Leu Leu Cys Gly Val Ala Asp Leu Thr Arg Ser
136 5 10 15
138 ttg agt atc act act cct gaa cag atg att gaa aag gcc aaa ggg gaa 3333
139 Leu Ser Ile Thr Thr Pro Glu Gln Met Ile Glu Lys Ala Lys Gly Glu
140 20 25 30 35
142 act gcc tat ttg cca tgc aga ttt acc ctg ggt cca gaa gac cag ggg 3381
143 Thr Ala Tyr Leu Pro Cys Arg Phe Thr Leu Gly Pro Glu Asp Gln Gly
144 40 45 50
146 ccg ctg gac atc gag tgg ctg ctg tca cca gct gat aat cag aag gtg 3429
147 Pro Leu Asp Ile Glu Trp Leu Leu Ser Pro Ala Asp Asn Gln Lys Val
148 55 60 65
150 gat caa gtg att att tta tat tct gga gac aaa att tat gac gac tac 3477
151 Asp Gln Val Ile Ile Leu Tyr Ser Gly Asp Lys Ile Tyr Asp Asp Tyr
152 70 75 80
154 tac caa gat ctg aaa gga cga gta cat ttt aca agt aat gat ctc aaa 3525
155 Tyr Gln Asp Leu Lys Gly Arg Val His Phe Thr Ser Asn Asp Leu Lys
156 85 90 95
158 tca ggt gat gca tca ata aat gta aca aat cta cag ttg tca gat att 3573
159 Ser Gly Asp Ala Ser Ile Asn Val Thr Asn Leu Gln Leu Ser Asp Ile
160 100 105 110 115
162 ggc aca tat cag tgc aaa gtg aaa aag gct cct ggt gtt gga aat aag 3621
163 Gly Thr Tyr Gln Cys Lys Val Lys Lys Ala Pro Gly Val Gly Asn Lys
164 120 125 130

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/899,634

DATE: 07/24/2001

TIME: 10:14:58

Input Set : A:\Backup of SEQ IDs of application 4\_31499A.wbk

Output Set: N:\CRF3\07242001\I899634.raw

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166 aag att cag ctg aca gtt ctt ctt aag cct tca ggt aca aga tgt tat      3669
167 Lys Ile Gln Leu Thr Val Leu Leu Lys Pro Ser Gly Thr Arg Cys Tyr
168      135      140      145
170 gtt gat gga tca gaa gaa att gga aat gac ttt aaa cta aaa tgt gaa      3717
171 Val Asp Gly Ser Glu Glu Ile Gly Asn Asp Phe Lys Leu Lys Cys Glu
172      150      155      160
174 cca aaa gaa ggt tca ctc cca tta cta tat gaa tgg cag aaa ttg tcc      3765
175 Pro Lys Glu Gly Ser Leu Pro Leu Leu Tyr Glu Trp Gln Lys Leu Ser
176      165      170      175
178 aat tca cag aag ctg ccc acc ttg tgg tta gca gaa atg act tca cct      3813
179 Asn Ser Gln Lys Leu Pro Thr Leu Trp Leu Ala Glu Met Thr Ser Pro
180 180      185      190      195
182 gtt ata tct gta aaa aat gcc tct act gaa tac tct ggg aca tac agc      3861
183 Val Ile Ser Val Lys Asn Ala Ser Thr Glu Tyr Ser Gly Thr Tyr Ser
184      200      205      210
186 tgt acc gtg aaa aac aga gtg ggc tct gat cag tgc ctg ctt cgc ctg      3909
187 Cys Thr Val Lys Asn Arg Val Gly Ser Asp Gln Cys Leu Leu Arg Leu
188      215      220      225
190 gat gtg gtt cct cct tca aat aga gct gga aca att gca gga gct gtt      3957
191 Asp Val Val Pro Pro Ser Asn Arg Ala Gly Thr Ile Ala Gly Ala Val
192      230      235      240
194 ata gga gtt ttg ctt gct cta gtg ctc att ggt ctt atc atc ttt tgc      4005
195 Ile Gly Val Leu Leu Ala Leu Val Leu Ile Gly Leu Ile Ile Phe Cys
196      245      250      255
198 tgt cgt taa tctagataag taatgatcat aatcagccat atcacatctg      4054
199 Cys Arg
200 260
202 tagaggtttt acttgcttta aaaaacctcc cacacctccc cctgaacctg aaacataaaa      4114
204 tgaatgcaat tggtgtgtt aacttgctta ttgcagctta taatgggtac aaataaagca      4174
206 atagcatcac aaatttcaca aataaagcat ttttttcaact gcattctagt tgtgtttgt      4234
208 ccaaactcat caatgtatct tatcatgtct ggatccccgg gtaccgagct cg      4286
211 <210> SEQ ID NO: 2
212 <211> LENGTH: 261
213 <212> TYPE: PRT
C--> 214 <213> ORGANISM: Artificial/Unknown
W--> 216 <220> FEATURE:
W--> 216 <223> OTHER INFORMATION:
216 <400> SEQUENCE: 2
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219 1      5      10      15
222 Thr Arg Ser Leu Ser Ile Thr Thr Pro Glu Gln Met Ile Glu Lys Ala
223      20      25      30
226 Lys Gly Glu Thr Ala Tyr Leu Pro Cys Arg Phe Thr Leu Gly Pro Glu
227      35      40      45
230 Asp Gln Gly Pro Leu Asp Ile Glu Trp Leu Leu Ser Pro Ala Asp Asn
231      50      55      60
234 Gln Lys Val Asp Gln Val Ile Ile Leu Tyr Ser Gly Asp Lys Ile Tyr
235 65      70      75      80
238 Asp Asp Tyr Tyr Gln Asp Leu Lys Gly Arg Val His Phe Thr Ser Asn

```

*See Seq 11 on Ena Summary Sheet*

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/899,634

DATE: 07/24/2001

TIME: 10:14:58

Input Set : A:\Backup of SEQ IDs of application 4\_31499A.wbk

Output Set: N:\CRF3\07242001\I899634.raw

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239      85      90      95
242 Asp Leu Lys Ser Gly Asp Ala Ser Ile Asn Val Thr Asn Leu Gln Leu
243      100      105      110
246 Ser Asp Ile Gly Thr Tyr Gln Cys Lys Val Lys Lys Ala Pro Gly Val
247      115      120      125
250 Gly Asn Lys Lys Ile Gln Leu Thr Val Leu Leu Lys Pro Ser Gly Thr
251      130      135      140
254 Arg Cys Tyr Val Asp Gly Ser Glu Glu Ile Gly Asn Asp Phe Lys Leu
255 145      150      155      160
258 Lys Cys Glu Pro Lys Glu Gly Ser Leu Pro Leu Leu Tyr Glu Trp Gln
259      165      170      175
262 Lys Leu Ser Asn Ser Gln Lys Leu Pro Thr Leu Trp Leu Ala Glu Met
263      180      185      190
266 Thr Ser Pro Val Ile Ser Val Lys Asn Ala Ser Thr Glu Tyr Ser Gly
267      195      200      205
270 Thr Tyr Ser Cys Thr Val Lys Asn Arg Val Gly Ser Asp Gln Cys Leu
271      210      215      220
274 Leu Arg Leu Asp Val Val Pro Pro Ser Asn Arg Ala Gly Thr Ile Ala
275 225      230      235      240
278 Gly Ala Val Ile Gly Val Leu Leu Ala Leu Val Leu Ile Gly Leu Ile
279      245      250      255
282 Ile Phe Cys Cys Arg
283      260

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286 &lt;210&gt; SEQ ID NO: 3

287 &lt;211&gt; LENGTH: 1098

288 &lt;212&gt; TYPE: DNA

C--> 289 <213> ORGANISM: Artificial/Unknown *Jun 10*

291 &lt;220&gt; FEATURE:

292 &lt;221&gt; NAME/KEY: CDS

293 &lt;222&gt; LOCATION: (1)..(1098)

294 &lt;223&gt; OTHER INFORMATION: full length porcine CAR

297 &lt;400&gt; SEQUENCE: 3

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299 Met Ala Leu Leu Leu Cys Phe Val Leu Leu Cys Gly Val Ala Asp Leu
300 1      5      10      15
302 acc aga agt ttg agt atc act act cct gaa cag atg att gaa aag gcc      96
303 Thr Arg Ser Leu Ser Ile Thr Thr Pro Glu Gln Met Ile Glu Lys Ala
304      20      25      30
306 aaa ggg gaa act gcc tat ttg cca tgc aga ttt acc ctg ggt cca gaa      144
307 Lys Gly Glu Thr Ala Tyr Leu Pro Cys Arg Phe Thr Leu Gly Pro Glu
308      35      40      45
310 gac cag ggg ccg ctg gac atc gag tgg ctg ctg tca cca gct gat aat      192
311 Asp Gln Gly Pro Leu Asp Ile Glu Trp Leu Leu Ser Pro Ala Asp Asn
312      50      55      60
314 cag aag gtg gat caa gtg att att tta tat tct gga gac aaa att tat      240
315 Gln Lys Val Asp Gln Val Ile Ile Leu Tyr Ser Gly Asp Lys Ile Tyr
316 65      70      75      80
318 gac gac tac tac caa gat ctg aaa gga cga gta cat ttt aca agt aat      288
319 Asp Asp Tyr Tyr Gln Asp Leu Lys Gly Arg Val His Phe Thr Ser Asn

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/899,634

DATE: 07/24/2001

TIME: 10:14:58

Input Set : A:\Backup of SEQ IDs of application 4\_31499A.wbk

Output Set: N:\CRF3\07242001\I899634.raw

320		85		90		95	
322	gat	ctc	aaa	tca	ggt	gat	gca
323	Asp	Leu	Lys	Ser	Gly	Asp	Ala
324			100				105
326	tca	gat	att	ggc	aca	tat	cag
327	Ser	Asp	Ile	Gly	Thr	Tyr	Gln
328			115				120
330	gga	aat	aag	aag	att	cag	ctg
331	Gly	Asn	Lys	Lys	Ile	Gln	Leu
332			130				135
334	aga	tgt	tat	gtt	gat	gga	tca
335	Arg	Cys	Tyr	Val	Asp	Gly	Ser
336	145						150
338	aaa	tgt	gaa	cca	aaa	gaa	ggt
339	Lys	Cys	Glu	Pro	Lys	Glu	Gly
340							165
342	aaa	ttg	tcc	aat	tca	cag	aag
343	Lys	Leu	Ser	Asn	Ser	Gln	Lys
344							180
346	act	tca	cct	gtt	ata	tct	gta
347	Thr	Ser	Pro	Val	Ile	Ser	Val
348							195
350	aca	tac	agc	tgt	acc	gtg	aaa
351	Thr	Tyr	Ser	Cys	Thr	Val	Lys
352							210
354	ctt	cgc	ctg	gat	gtg	gtt	cct
355	Leu	Arg	Leu	Asp	Val	Val	Pro
356	225						230
358	gga	gct	gtt	ata	gga	gtt	ttg
359	Gly	Ala	Val	Ile	Gly	Val	Leu
360							245
362	gtg	ttt	tgc	tgt	cat	aaa	aag
363	Val	Phe	Cys	Cys	His	Lys	Lys
364							260
366	gtg	cat	cat	gat	atc	agg	gaa
367	Val	His	His	Asp	Ile	Arg	Glu
368							275
370	tcc	act	gcc	aga	agc	tac	ctc
371	Ser	Thr	Ala	Arg	Ser	Tyr	Leu
372							290
374	atg	tct	cct	tcc	aac	atg	gaa
375	Met	Ser	Pro	Ser	Asn	Met	Glu
376	305						310
378	gta	cca	agc	gaa	gac	ttt	gaa
379	Val	Pro	Ser	Glu	Asp	Phe	Glu
380							325
382	ctc	gct	aag	gta	gct	gcc	cct
383	Leu	Ala	Lys	Val	Ala	Ala	Pro
384							340

## VERIFICATION SUMMARY

DATE: 07/24/2001

PATENT APPLICATION: US/09/899,634

TIME: 10:14:59

Input Set : A:\Backup of SEQ IDs of application 4\_31499A.wbk

Output Set: N:\CRF3\07242001\I899634.raw

L:4 M:283 W: Missing Blank Line separator, <120> field identifier  
L:8 M:270 C: Current Application Number differs, Replaced Current Application No  
L:8 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:15 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1  
L:214 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2  
L:216 M:258 W: Mandatory Feature missing, <220> FEATURE:  
L:216 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:  
L:289 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3  
L:394 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4  
L:396 M:258 W: Mandatory Feature missing, <220> FEATURE:  
L:396 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION: